

ABSTRACT

CABLE, IN PARTICULAR FOR ELECTRIC ENERGY TRANSPORTATION OR DISTRIBUTION, AND AN INSULATING COMPOSITION USED THEREIN

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The invention describes a cable, in particular for electric energy transportation or distribution, in which an electrically insulating layer is present, consisting of a material substantially free of lead or derivatives thereof, and having high resistance to water. This material includes an elastomer terpolymer having the following composition:

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a) 50-90 moles percent of ethylene;

b) 10-50 moles percent of an α -olefin;

c) 0.16-5 moles percent of 5-vinyl-2-norbornene;

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the sum of the moles percent of a), b), c) being 100, said terpolymer having a branching index of less than or equal to 0.5 and a molecular weight distribution index M_w/M_n of greater than or equal to 6.

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